

Product datasheet for **RC230806L4V**

SIRT6 (NM_001193285) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | SIRT6 (NM_001193285) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SIRT6 |
| Synonyms: | SIR2L6 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001193285 |
| ORF Size: | 984 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230806). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001193285.1 |
| RefSeq ORF: | 987 bp |
| Locus ID: | 51548 |
| UniProt ID: | Q8N6T7 |
| Cytogenetics: | 19p13.3 |
| Protein Families: | Druggable Genome, Transcription Factors |
| MW: | 36.5 kDa |



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Gene Summary:

This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]